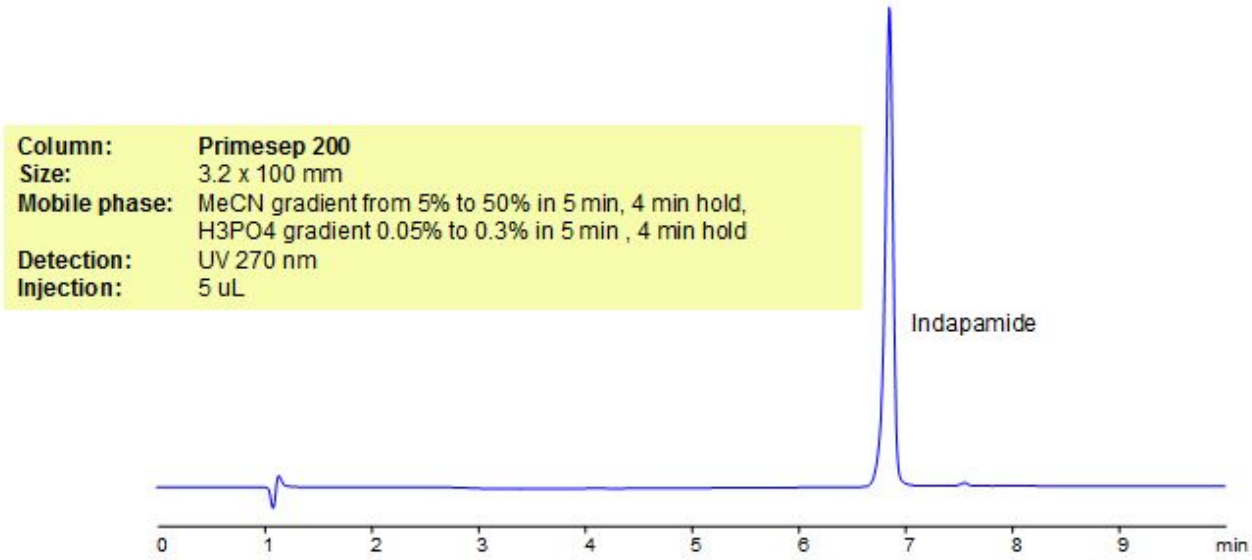
HPLC Method for Analysis of Indapamide



Indapamide is an indole derivative of chlorosulphonamide and a sulfamyl diuretic with antihypertensive activity. It exerts its diuretic effect by inhibiting reabsorption of sodium and chloride, primarily as a result of action on the cortical diluting segment of the renal distal tubule. Indapamide is also used in the treatment of hypertension. Primesep 200, a reverse phase column , contains embedded acidic ionizable groups and can retain Indapamide. The method is UV compatible and can be used as a general approach for analyzing similar compounds.

Method Parameters

Column	Primesep 200, 3.2×100 mm, 5 µm, 100 Å
Mobile Phase	Gradient MeCN – 5-50%
Buffer	Gradient H3PO4 – 0.05-0.3%, 5 min, 4 min hold
Flow Rate	0.5 mL/min
Detection	UV, 270 nm

Quelle: https://sielc.com/HPLC-Method-Analysis-Indapamide